

In re application of DUJAR
Serial No. 09/703,381

Listing of the Claims:

1-36 (canceled).

37. (currently amended) A computer-implemented method, comprising:
generating a plurality of subdirectory names, wherein each subdirectory
name is random;

creating a plurality of randomly-named cache directories, one for each
random subdirectory name generated, such that each randomly-named cache
directory created is uniquely associated with a corresponding randomly-named
subdirectory;

storing a plurality of files under the plurality of randomly-named cache
directories, each of the plurality of files having a predictable filename; and
automatically balancing the files among each of the plurality of randomly-
named cache directories.

38. (previously presented) The computer-implemented method of
claim 37 further comprising, receiving information corresponding to a new file to
store.

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39. (previously presented) The computer-implemented method of claim 37, wherein automatically balancing files among each of the plurality of randomly-named cache directories includes determining which of the directories has a least number of files therein.
40. (previously presented) The computer-implemented method of claim 37, wherein automatically balancing files among each of the plurality of randomly-named cache directories includes determining when a randomly-named cache directory has a number of files stored therein that exceeds a limit.
41. (previously presented) The computer-implemented method of claim 37, further comprising, receiving information corresponding to a new file to store, determining that each of the plurality of randomly-named cache directories has a number of files therein that exceeds a limit, and automatically creating at least one new randomly-named cache directory.
42. (previously presented) The computer-implemented method of claim 37 further comprising, for each file, tracking which of the plurality of randomly-named cache directories that file is stored in.
43. (previously presented) The computer-implemented method of claim 37 further comprising, maintaining a count of a number of files stored in each of the plurality of randomly-named cache directories.

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44. (previously presented) The computer-implemented method of claim 37 wherein at least one of the plurality of randomly-named cache directories caches content downloaded from a server.

45. (previously presented) The computer-implemented method of claim 44 further comprising, maintaining a table including server content references and filenames converted therefrom.

46. (previously presented) The computer-implemented method of claim 37, wherein automatically balancing files among each of the plurality of randomly-named cache directories includes determining a randomly-named cache directory having a lowest file count, and moving files from another randomly-named cache directory to the randomly-named cache directory having the lowest file count.

47. (previously presented) The computer-implemented method of claim 37, further comprising, maintaining an index including a directory name for each of the plurality of randomly-named cache directories, and for each directory name, maintaining a file count of a number of files stored therein.

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48. (previously presented) The computer-implemented method of claim 37, further comprising, comparing the number of files in one of the plurality of randomly-named cache directories having the least number of files therein against a predetermined threshold value, and based on the comparison, generating at least one additional randomly-named cache directory.

49. (previously presented) The computer-implemented method of claim 37, further comprising, maintaining an indexed directory table including data corresponding to each of the plurality of randomly-named cache directories therein, and maintaining a table including file information and corresponding file directory information for each file in one of the plurality of randomly-named cache directories.

50. (previously presented) The computer-implemented method of claim 37, wherein automatically balancing files among each of the plurality of randomly-named cache directories includes moving at least one file from one of the plurality of randomly-named cache directories to another of the plurality of randomly-named cache directories following deletion of at least one other file.

51. (previously presented) The computer-implemented method of claim 37, further comprising maintaining a file count of a number of files stored in each of the plurality of randomly-named cache directories, and wherein automatically balancing files among each of the plurality of randomly-named

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cache directories includes moving at least one file out of one of the plurality of randomly-named cache directories when the file count maintained therefor is below a threshold value.

52. (previously presented) The computer-implemented method of claim 51, further comprising removing one of the plurality of randomly-named cache directories based on the file count maintained therefor.

53-67. (cancelled)